

1980 Annual Index

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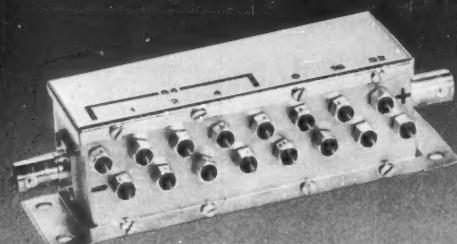
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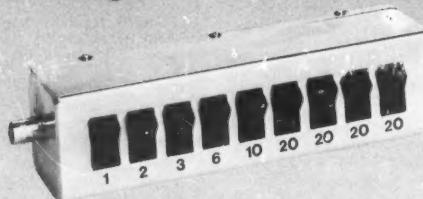
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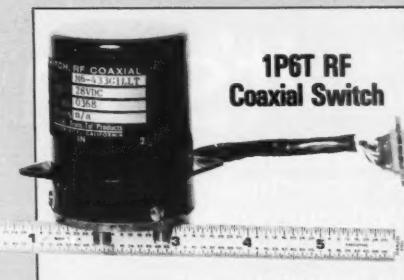
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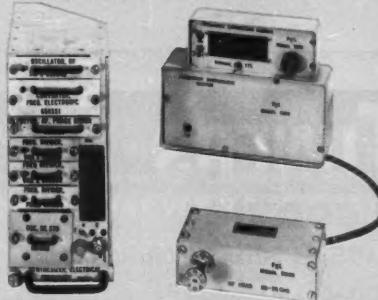
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- Researchers Eye Josephson Junctions For High-Speed Signal Processing, (SR), Feb., p. 44.
- Speedy Semis May Crack High Frequency Barrier, (N), Dec., p. 15.
- The Not-So-Sudden Interest In InP, (TA), May, p. 84.

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- Oscillator's YIG Tracking Filter Signals Low-Harmonic Output, (PF), June, p. 86.

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- Multiple Microprocessors Direct Dynamic ECM Tests, (TA), Apr., p. 78.
- Seven Tips On Specifying Pulse-Compressive Systems, (TA), Apr., p. 66.
- Suppress Noise Output Of YIG-Tuned Sources, (TA), May, p. 87.
- VCOs Shod Filters, (PF), Apr., p. 101.
- Video Channel Capacity Doubled By RCA's "Two-For-One" System, (N), Mar., p. 20.

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- A Look Inside Those Integrated Two-Chip Amps, (TA), Feb., p. 54.
- Be A Smarter GaAs FET Specifier, (SR), Feb., p. 62.
- Compound Semis Look Good For Low-Noise FETs, (N), Nov., p. 42.
- FET vs. Bipolar: Which Oscillator Is Quieter?, (TA), Nov., p. 82.
- GaAs FETs Promise Much As They Come Of Age, (TA), Feb., p. 67.
- GaAs FETs Steal The Show (Again), (N), Feb., p. 15.

- GaAs Power MESFETs Emit Light, (N), Apr., p. 33.

- High-Mobility Transistors: Breakthrough Or Ballyhoo?, (N), Oct., p. 20.

- How To Select A GaAs FET, (TA), Feb., p. 64.

- Japan: Attention Turns To High-Power GaAs FETs As Low-Noise Devices Reach Maturity, (SR), Feb., p. 36.

- Model Describes High-Voltage Effects In GaAs FETs, (N), May, p. 74.

- New SiT Structure Exceeds 10 W At 2 GHz, (TA), Feb., p. 48.

- Power GaAs FETs Show Great Expectations For Longevity, (N), Nov., p. 20.

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- 14-GHz Satcom TWTs Ready For Action, (N), Feb., p. 26.
- Half-Weight Magnetrons Use SmCo Magnets, (N), Aug., p. 24.
- S-Band Magnetron For Linear Accelerators, (N), Jan., p. 30.
- TWTA Whittles Energy, Space, (PF), Aug., p. 69.
- Useful Design Criteria Predict TWT Intermod, (TA), Mar., p. 71.

TUNERS

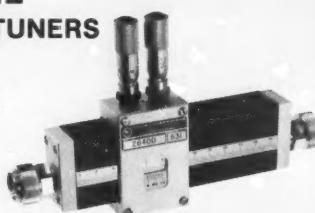
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COAXIAL

SLIDE SCREW TUNERS

- BROADBAND
- LARGE MATCHING CAPABILITY
- RESETABLE
- LOW LOSS



WAVEGUIDE

MULTIPROBE TUNERS

- TYPICALLY WILL MATCH >1.10 VSWR TO <1.01 VSWR
- RESETABLE
- STABLE



Tuner Type	Matching Capability	Freq. Range GHz	Connector			
			APC7	N	TNC	SMA
Single Probe	2:1 VSWR Min.	0.9 - 8.5	2640A	1643A	1642A	1649A
		1.8 - 18.0	2640B	1643B	1642B	1649B
Double Probe	6:1 VSWR Min.	0.9 - 12.4	2640C	1643C	1642C	1649C
		1.8 - 18.0	2640D	1643D	1642D	1649D

MODEL NUMBER	EQUIVALENT COVER FLANGE	FREQUENCY RANGE (GHz)	WR. NO.	NUMBER PROBES	LENGTH
E851C	UG-53/U	2.0 - 3.95	284	6	7.50
E851E	CPR-229F	3.3 - 4.9	229	5	8.50
G351	UG-149A/U	3.95 - 5.85	187	5	8.00
F361E	CPR-169F	4.90 - 7.05	159	5	6.75
C351	UG-344/U	5.85 - 8.3	137	5	6.75
H381	UG-51/U	7.05 - 10.0	112	5	4.80
X351	UG-39/U	8.2 - 12.4	90	5	4.50
M351	MPF-75	10.0 - 15.0	75	5	4.50
P351	UG-419/U	12.4 - 18.0	62	5	4.50
N351	MPF-51	15.0 - 22.0	51	5	5.00
K351	UG-595/U	18 - 36.5	42	5	5.00
U351	UG-589/U	28.5 - 40.0	28	8	4.67

MMC produces an extensive line of microwave impedance matching devices. In addition to the above units we also make a complete line of coaxial stub tuners and waveguide slide screw tuners. We can also provide coaxial tuners up to 40 GHz and millimeter waveguide tuners.



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